查询1SV248供应商

Ordering number :EN4400A

1SV248

Silicon Epitaxial Type

PIN Diode for VHF, UHF, AGC Applications

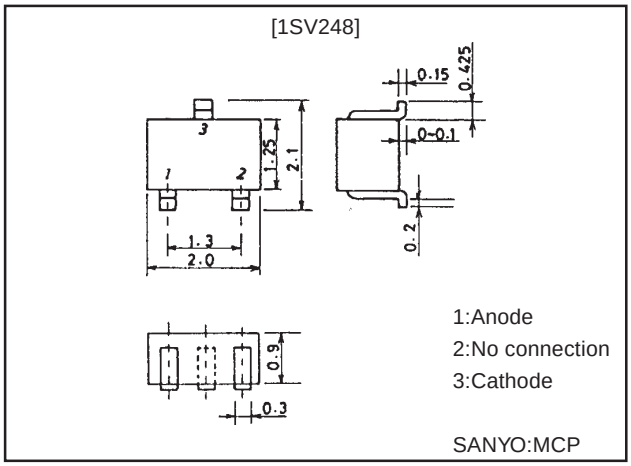
Features

- Very small-sized package facilitates high-density mounting and permits 1SV248-applied equipment to be made smaller.
- Small interterminal capacitance (C=0.23pF typ).
- Small forward series resistance (rs=4.5Ω max).

Package Dimensions

unit:mm

1197A



Specifications

Absolute Maximum Ratings at Ta = 25˚C

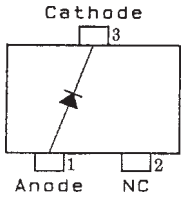
Parameter	Symbol	Conditions	Ratings	Unit
Reverse Voltage	V_R		50	V
Forward Current	I_F		50	mA
Allowable Power Dissipation	P		100	mW
Junction Temperature	Tj		125	˚C
Storage Temperature	Tstg		–55 to +125	˚C

Electrical Characteristics at Ta = 25˚C

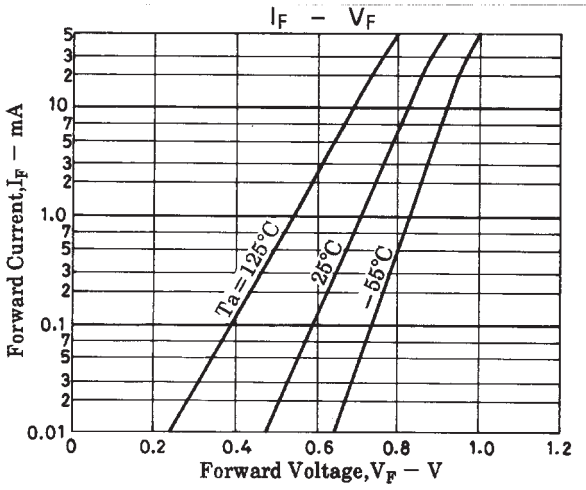
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	V_R	I_R=10μA	50			V
Reverse Current	I_R	V_R=50V			0.1	μA
Forward Voltage	V_F	I_F=50mA		0.92		V
Interterminal Capacitance	C	V_R=50V, f=1MHz		0.23		pF
Series Resistance	rs	I_F=10mA, f=100MHz			4.5	Ω

· Marking:FV

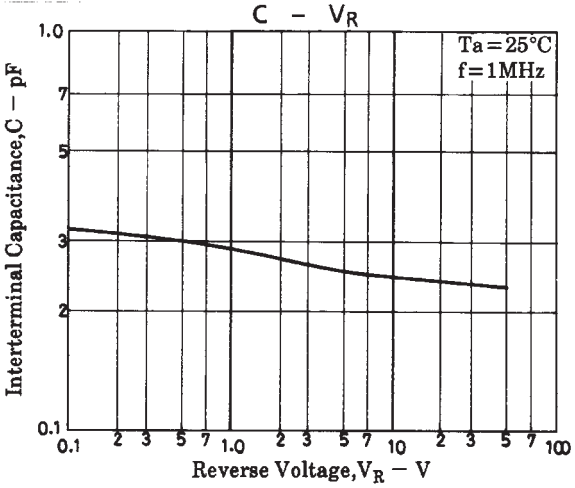
Electrical Connection



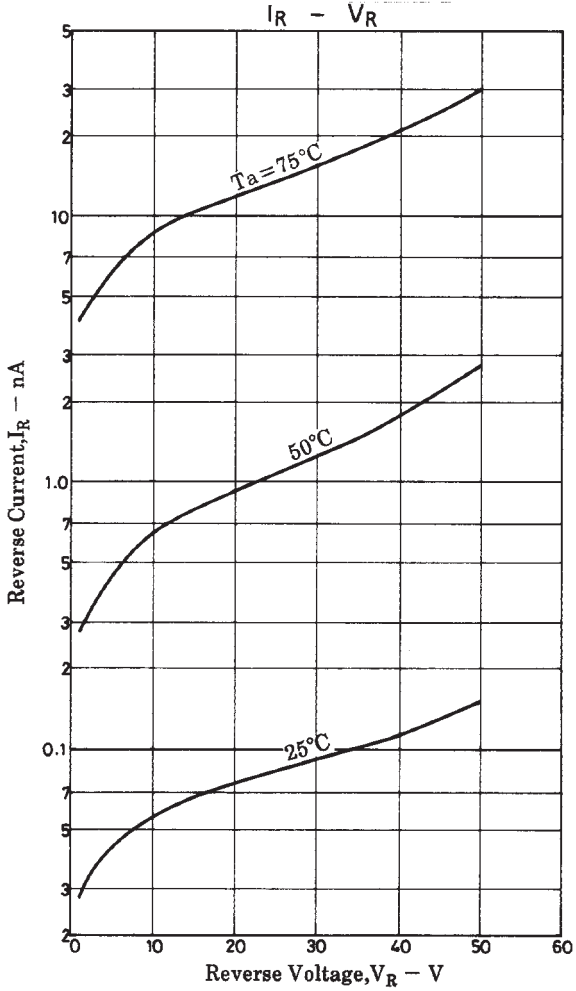
$I_F - V_F$



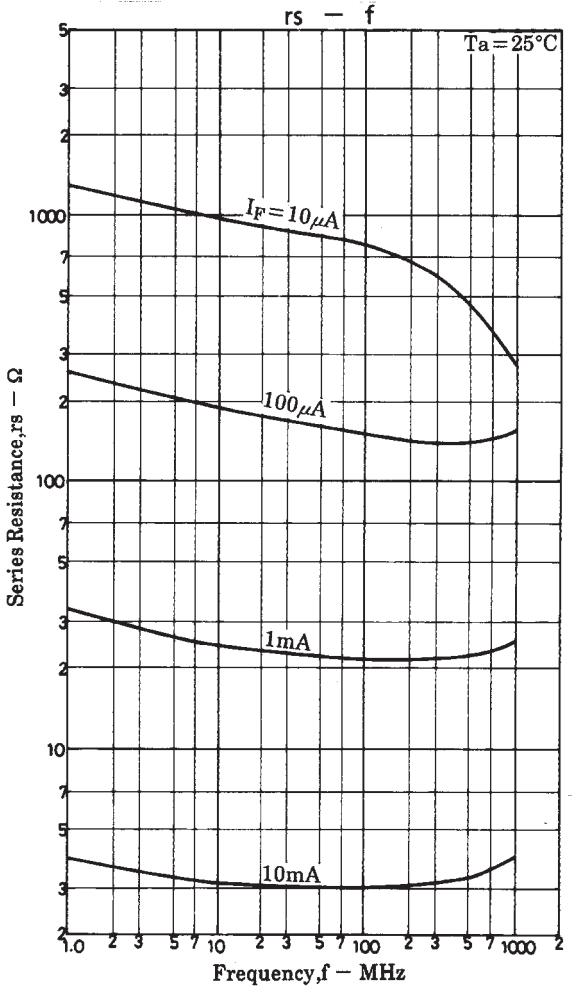
$C - V_R$



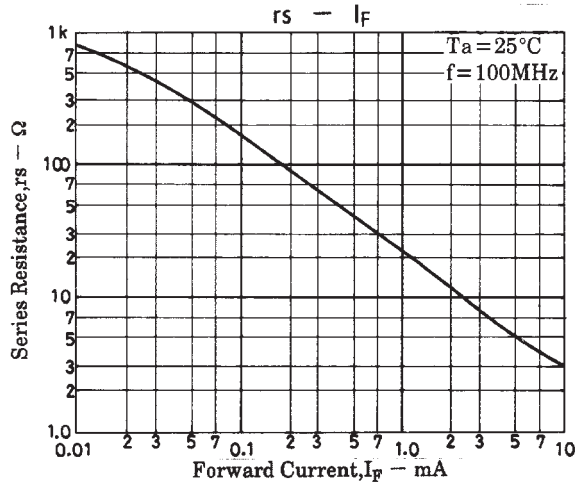
$I_R - V_R$



$rs - f$



$rs - I_F$



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